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US	20060406	Disc distraction	606/90		Sutton;
20060074431	20000400	instrument and	000/70		Jeffrey
A1		measuring device			Karl et al.
	20060330	Trial disk implant	623/17.13	600/587;	Sutton;
US	20000330	That disk implant	023/17.13	606/102;	Jeffrey K.
20060069436				623/17.15	et al.
A1	20060216	Intradiscal	424/529	023/17.13	DiMauro;
US	20060316		424/329		Thomas M.
20060057223		production of			et al.
A1		autologous		,	et al.
		interleukin			
		antagonist	40.4/02.01	514/44	DiMarina
US	20060316	Intradiscal	424/93.21	514/44	DiMauro;
20060057128	•	injection of	·		Thomas M.
A1		autologous			et al.
		interferon			
US	20060126	Anti-osteolytic	514/12		DiMauro;
20060019889		therapy involving			Thomas M.
A1		adiponectin			et al.
US	20060126	Autologous	514/6	424/423	Serhan;
20060019875		coatings for			Hassan et
A1		implants			al.
US	20060126	Enhanced adipose	424/93.7	514/2	Kadiyala;
20060018887		tissue			Sudhakar
A1					et al.
US	20060105	In-situ formed	606/61	606/77;	Serhan;
20060004358		posterolateral		606/92;	Hassan et
A1		fusion system	_	623/17.12	al.
US	20060105	Hydrocephalus	604/8		Mauge;
20060004317		shunt			Christophe
A1					et al.
US	20051215	NON-FUSION	606/61		Slivka,
20050277920		SPINAL			Michael A.
Al		CORRECTION			et al.
		SYSTEMS AND			
		METHODS			
US	20051215	ANCHORING	606/61	606/73	Slivka,
20050277919		SYSTEMS AND			Michael A.
A1		METHODS FOR			et al.
7 ***		CORRECTING			
		SPINAL			
		DEFORMITIES			
US	20051020	Intervertebral disc	623/17.15	606/102;	Sutton,
20050234555	20051020	with monitoring		623/18.12;	Jeffrey
A1		and adjusting		623/23.47	Karl et al.
		capabilities			
US	20051020	Trouble shooting	73/40		Ludin, Lev
US	20031020	Trouble billouing	1 . 5 0		

20050229683		accelerator system			et al.
Al		for implantable drug delivery pumps			
US 20050209699 A1	20050922	Method for nonsurgical treatment of the nucleus pulposus of the intervertebral disc using genipin or proanthrocyanidin, and kit therefor	623/17.16	514/12; 523/113	Slivka, Michael Andrew et al.
US 20050203624 A1	20050915	Dynamized interspinal implant	623/17.11		Serhan, Hassan et al.
US 20050175658 A1	20050811	Implant having a photocatalytic unit	424/423	604/20	DiMauro, Thomas M et al.
US 20050159651 A1	20050721	Surgical retractor systems and illuminated cannulae	600/213		Raymond, Douglas et al.
US 20050159650 A1	20050721	Surgical methods and surgical kits	600/201		Raymond, Douglas et al.
US 20050149030 A1	20050707	Facet joint fixation system	606/73		Serhan, Hassan et al.
US 20050112091 A1	20050526	Local intraosseous administration of bone forming agents and anti- resorptive agents, and devices therefor	424/85.1	514/182	DiMauro, Thomas M et al.
US 20050085913 A1	20050421	Spinal fixation plate	623/17.11	606/61; 623/17.16	Fraser, Robert et al.
US 20050080418 A1	20050414	Instruments and methods for minimally invasive spine surgery	606/61	600/203; 606/190	Simonson Robert E. et al.
US 20050071012	20050331	Methods and devices to replace	623/17.16		Serhan, Hassan et

A1		spinal disc nucleus			al.
		pulposus		(00/45-46	g 1
US	20050331	Vertebral fusion	606/61	623/17.16	Serhan,
20050070900		device and method			Hassan et
A1		for using same	10.1/100	602/17.16	al.
US	20050331	Method for	424/423	623/17.16	Slivka,
20050069571		treatment of			Michael et
A1		defects in the			al.
770	20050210	intervertebral disc	623/17.11	606/61	Serhan,
US	20050310	Functional spinal	023/17.11	000/01	Hassan A.
20050055096		unit prosthetic			et al.
A1	20050217	Method for	623/17.16	623/23.58	Slivka,
US	20050217		023/17.10	023/23.36	Michael
20050038518	:	nonsurgical treatment of the			Andrew et
A1		intervertebral disc			al.
	·	and kit therefor			
US	20050217	Transdiscal	514/152		Attawia,
20050038001	20030217	administration of	31 1132		Mohamed
A1		cycline			et al.
		compounds			
US	20050203	Trans-capsular	424/145.1	514/12	DiMauro,
20050025765	20000200	administration of			Thomas M.
A1		high specificity			et al.
		cytokine inhibitors			
		into orthopedic			
		joints			
US	20041230	Helical probe	606/27	604/20	Sutton,
20040267251					Jeffrey
A1					
US	20041230	Controlled orifice	600/562		Sutton,
20040267154		sampling needle			Jeffrey Karl et al.
A1	20041410	T :: C 1	622/17 12	623/17.11	DiMauro,
US	20041118	In-situ formed	623/17.12	023/17.11	Thomas M.
20040230309		intervertebral			et al.
Al		fusion device and			Ct al.
TIC	20041118	method Transdiscal	514/248	514/262.1;	DiMauro,
US 20040229878	20041118	administration of	317/270	514/202.1, 514/305;	Thomas M.
A1		specific inhibitors		514/396;	et al.
\(\frac{1}{2}\)		of P38 kinase		514/406;	
		Of 150 Killado		514/419;	
				514/596;	
				514/686	
US	20041118	Autologous	514/12	424/93.7	Attawia,
20040229786		treatment of			Mohamed

A1		degenerated disc with cells			et al.
US 20040228853 A1	20041118	Transdiscal administration of high affinity anti- MMP inhibitors	424/94.65		Serhan, Hassan et al.
US 20040193270 A1	20040930	Implantable bone graft	623/17.11		DiMauro, Thomas M et al.
US 20040193269 A1	20040930	Anterior lumbar interbody fusion cage with locking plate	623/17.11		Fraser, Robert et al.
US 20040193171 A1	20040930	Remotely- activated vertebroplasty injection device	-606/92		DiMauro, Thomas M et al.
US 20040193152 A1	20040930	Windowed thermal ablation probe	606/48	606/50	Sutton, Jeffrey et al.
US 20040143242 A1	20040722	Troubleshooting accelerator system for implantable drug delivery pumps	604/891.1		Ludin, Le et al.
US 20040138660 A1	20040715	Locking cap assembly for spinal fixation instrumentation	606/61		Serhan, Hassan A
US 20040127992 A1	20040701	Annular nucleus pulposus replacement	623/17.16	623/17.11	Serhan, Hassan A et al.
US 20040127989 A1	20040701	Prosthetic facet joint ligament	623/13.17	623/17.16	Dooris, Andrew e
US 20040115238 A1	20040617	Muscle-polymer constructs for bone tissue engineering	424/423	424/93.7; 435/366	Laurencir Cato T. et al.
US 20040088053 A1	20040506	Regenerative implants for stabilizing the spine and devices for attachment of said implants	623/17.11		Serhan, Hassan et al.
US	20040415		606/61		Serhan,

20040073213		distracting			Hassan et
A1		vertebrae and			al.
1		delivering a flowable material			
		into a disc space			
US	20040401	Novel device for	606/41		Papineau,
20040064136		advancing a	-		Paula et al.
A1		functional element			
		through tissue	600/054	606/41	D
US 20040064023	20040401	Method of	600/374	606/41	Ryan, Thomas P.
20040064023 A1		identifying and treating a			et al.
AI	·	pathologic region			
		of an			
		intervertebral disc			
US	20040311	Snap-on spinal rod	606/61	606/60	Slivka,
20040049188		connector			Michael
Al					Andrew et al.
US	20040101	Thermal	607/99		Ryan,
20040002746	20040101	coagulation using	007755	:	Thomas P.
A1		hyperconductive			et al.
		fluids			
US	20030925	Novel vertebral	606/79		Serhan,
20030181915		endplate milling			Hassan
A1	20020025	device Method for	514/12	<u> </u>	Slivka,
US 20030181365	20030925	nonsurgical	314/12		Michael
A1		treatment of the			Andrew et
711		intervertebral disc			al.
		and kit therefor			
US	20030529	Spinal disc	623/17.16		Serhan,
20030100951					Hassan et al.
A1	20020501	Claubammantaal	606/100		Rogers,
US 20030083668	20030501	Slaphammer tool	000/100		Christopher
A1					et al.
US	20030501	Vertebral endplate	606/79		Rogers,
20030083664		chisel			Christopher
A1					et al.
US	20030403	HYBRID	623/17.11		Moumene,
20030065393		COMPOSITE			Missoum et al.
A1		INTERBODY FUSION DEVICE			aı.
US	20030102	Reconfigurable	709/200	706/902	Sutton,
20030005030	20030102	autonomous	1	1	Jeffrey P.

A1		device networks			et al.
US	20021205	Transverse	606/61		Burgess,
20020183749		connector			Ian C. et al.
Al					
US	20021003	Intervertebral	606/61	623/13.14	Serhan,
20020143329		connection system			Hassan A.
A1		, , , , , , , , , , , , , , , , , , , ,			et al.
US	20020919	Ligament and	623/13.17	623/13.19	Laurencin,
20020133229	20020717	tendon			Cato T. et
A1		replacement			al.
711		constructs and	11		
		methods for			
		production and			
		use thereof	•		1
US	20020704	Spinal implant	623/17.11		James,
20020087212	20020701	Spinar impiani	020/11/11		Stephen B.
A1					et al.
US	20020606	Spacer assembly	623/17.16		Camino,
20020068978	20020000	for use in spinal	020, 2.112		Thomas S.
A1		surgeries having			et al.
A		end cap which			
	,	includes serrated			
		surface			
US	20020509	Dual-igniter	280/742		Long,
20020053790	20020307	airbag control	2007.12		Steven M.
A1		switch			et al.
US	20020221	Spinal disc	623/17.16		Serhan,
20020022888	20020221	Spinar and			Hassan et
A1					al.
US	20010823	Spinal disc	623/17.15		Serhan,
20010016773	20010023	Spinar diss			Hassan et
Al					al.
US 7004971	20060228	Annular nucleus	623/17.16	623/14.12;	Serhan;
B2	20000220	pulposus		623/17.11	Hassan A.
DZ		replacement			et al.
US 6902568	20050607	Vertebral endplate	606/79		Serhan;
B2	20050007	milling device			Hassan
US 6902544	20050607	Troubleshooting	604/93.01	604/502	Ludin; Lev
B2	20030007	accelerator system			et al.
102		for implantable			
		drug delivery			
		pumps			
US 6843791	20050118	Locking cap	606/61		Serhan;
B2	20030110	assembly for	000,01		Hassan A.
D2	1	spinal fixation			
	1	instrumentation			
		monumentation			

US 6840941 B2	20050111	Vertebral endplate chisel	606/79	606/84	Rogers; Christopher et al.
US 6827716 B2	20041207	Method of identifying and treating a pathologic region of an intervertebral disc	606/41	606/27; 607/101; 607/116; 607/99	Ryan; Thomas P. et al.
US 6812211 B2	20041102	Method for nonsurgical treatment of the intervertebral disc and kit therefor	514/12		Slivka; Michael Andrew et al.
US 6776798 B2	20040817	Spacer assembly for use in spinal surgeries having end cap which includes serrated surface	623/17.16		Camino; Thomas S. et al.
US 6761721 B2	20040713	Transverse connector	606/61		Burgess; Ian C. et a
US 6709439 B2	20040323	Slaphammer tool	606/100	606/86	Rogers; Christophe et al.
US 6669732 B2	20031230	Spinal disc	623/17.16		Serhan; Hassan et al.
US 6569201 B2	20030527	Hybrid composite interbody fusion device	623/17.11	606/61; 623/17.16	Moumene Missoum al.
US 6552657 B2	20030422	Dual-igniter airbag control switch	340/438	280/735; 307/10.1	Long; Steven M. et al.
US 6520993 B2	20030218	Spinal implant	623/17.16		James; Stephen B et al.
US 6452486 B1	20020917	Dual-igniter airbag control switch	340/438	280/735; 307/10.1	Long; Steven M et al.
US 6432108 B1	20020813	Transverse connector	606/61	606/60	Burgess; Ian C. et a
US 6363273 B1	20020326	Introducer element and method of using same	600/434	604/161	Mastrorio Brooke W et al.
US 6324414	20011127	Tunneling lead	600/373	600/378;	Gibbons;

B1		terminal having a disposal sheath		606/129	Paul et al.
US 6213912 B1	20010410	Low speed return	477/99	477/125; 91/459	Malone; Johnathan E.
US 6193691 B1	20010227	Catheter system	604/164.01		Beardsley; Timothy
US 6086613 A	20000711	Spacer assembly for use in spinal surgeries	623/17.16		Camino; Thomas S. et al.
US 6052608 A	20000418	Implantable medical electrode contacts	600/378	29/825; 600/393; 607/116	Young; Terrence R et al.
US 5978505 A	19991102	System and method for image regularization in inhomogeneous environments using clustering in neural networks	382/156	382/261	Sutton; Jeffrey P. et al.
US 5842190 A	19981124	System and method for high speed computing and feature recognition capturing aspects of neocortical computation	706/28	706/26; 706/27	Sutton; Jeffrey P. et al.
US 5833364 A	19981110	Chemical delivery and on-site blending system for producing multiple products	366/152.1	366/141; 366/160.1; 366/177.1	Rushing; J Mitchell e al.
US 5824094 A	19981020	Spinal disc	623/17.16		Serhan; Hassan et al.
US 5823670 A	19981020	Chemical delivery and on-site blending system for producing multiple products	366/152.1	137/3; 366/162.1; 366/348	Rushing; J Mitchell e al.
US 5552640 A	19960903	Electrical power generating arrangement with computer control for varying engine	290/40B	290/40R	Sutton; Jeffrey A. et al.

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					1
		speed as a]	
		function of load			
		demand			
US 5539258	19960723	Electrical power	290/40R	290/40B	Sutton;
Α		generating			Jeffrey A.
		arrangement			et al.
		having engine			
		throttle and			
		transmission ratio			
		control responsive	·		
		to load power			
	,	demand			
US 5473884	19951212	Combined heat	60/39.182	60/39.41	Sutton;
A	17751212	and power	00/39.102	00,23111	Jeffrey A.
A	i	apparatus			et al.
110 5410/07	19950502	Digital	375/133	375/135;	Sutton; Jeff
US 5412687	19930302	communications	3/3/133	375/136;	R. et al.
A				380/34	IX. Ot al.
		equipment using		380/34	
		differential			
		quaternary			
		frequency shift			
		keying	604/110	(04/210	Ou stup alais
US 5059179	19911022	Non-reusable	604/110	604/218;	Quatrochi;
A		syringe assembly	210/620	604/228	David et al.
US 4861484	19890829	Catalytic process	210/638	210/674;	Lichtin;
A		for degradation of		210/677;	Norman N.
		organic materials		210/694;	et al.
		in aqueous and		210/748;	
		organic fluids to		210/759;	
		produce		210/763;	
		environmentally		210/908;	
		compatible		502/29;	
·		products	<u></u>	502/518	
US 4341174	19820727	Bow dock	114/45	114/47	Stevens,
Α					Jr.; Don L.
					et al.
US 1904994	19330425	Steam trap [TEXT	137/195	137/398;	MALONE
A		AVAILABLE IN		137/415;	JOHN M
		USOCR		251/124;	
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A		method for		99/532	JOHN P
		chilling meats		1	
		[TEXT			
		AVAILABLE IN			
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US 1706534	19290326	Machine for	83/155	126/39C;	MALONE
Α		cutting and		53/155;	JOHN E
		delivering ice		53/284.5;	
		cream and like		53/377.5;	
		plastic materials		53/389.3;	
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US 1657311	19280124	Straightening	72/79	140/147	MALONE
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e ·		AVAILABLE IN .			
		USOCR			
		DATABASE]			
US 1488020	19240325	Hydraulic jack	29/252	29/259	MALONE
Α		[TEXT			JOHN L
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US 1368041	19210208	Door-latch [TEXT	292/164	292/DIG.61;	1
Α		AVAILABLE IN		49/394	JOHN J
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